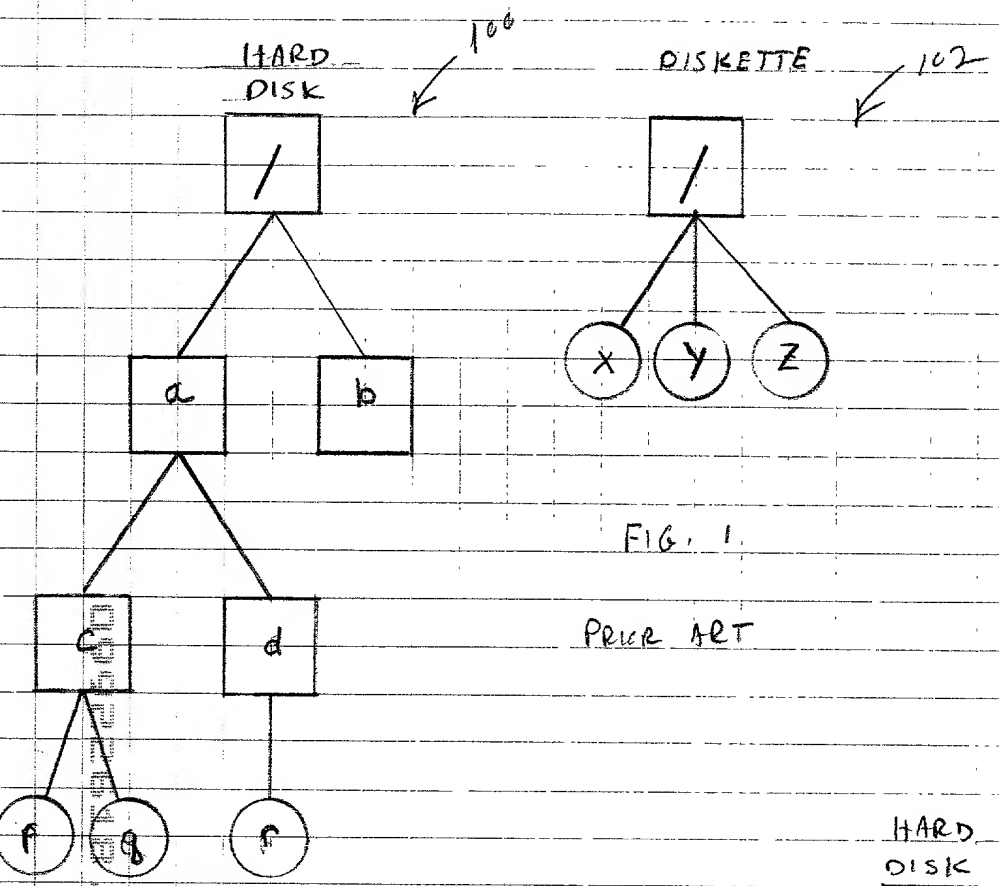

FIG. 1
PRIOR ART

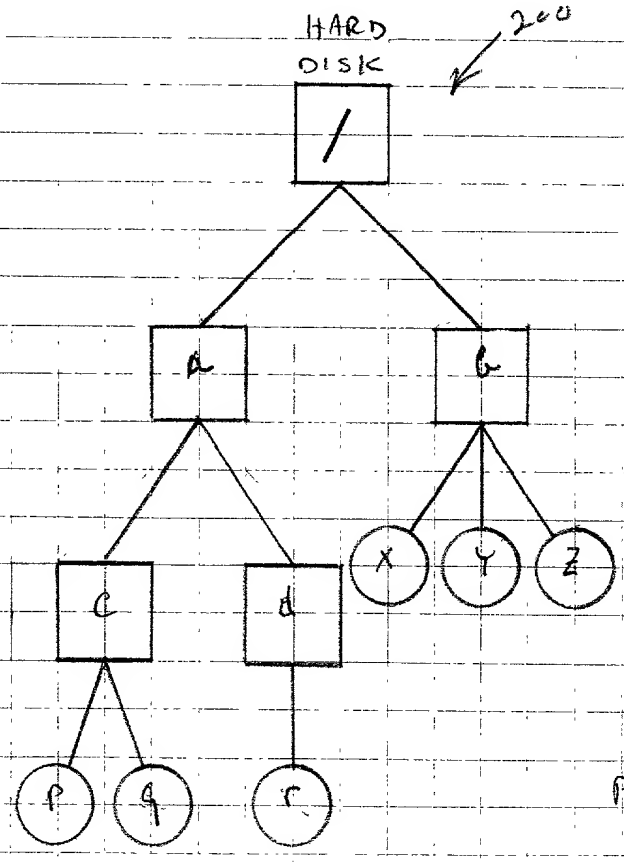

FIG. 2
PRIOR ART

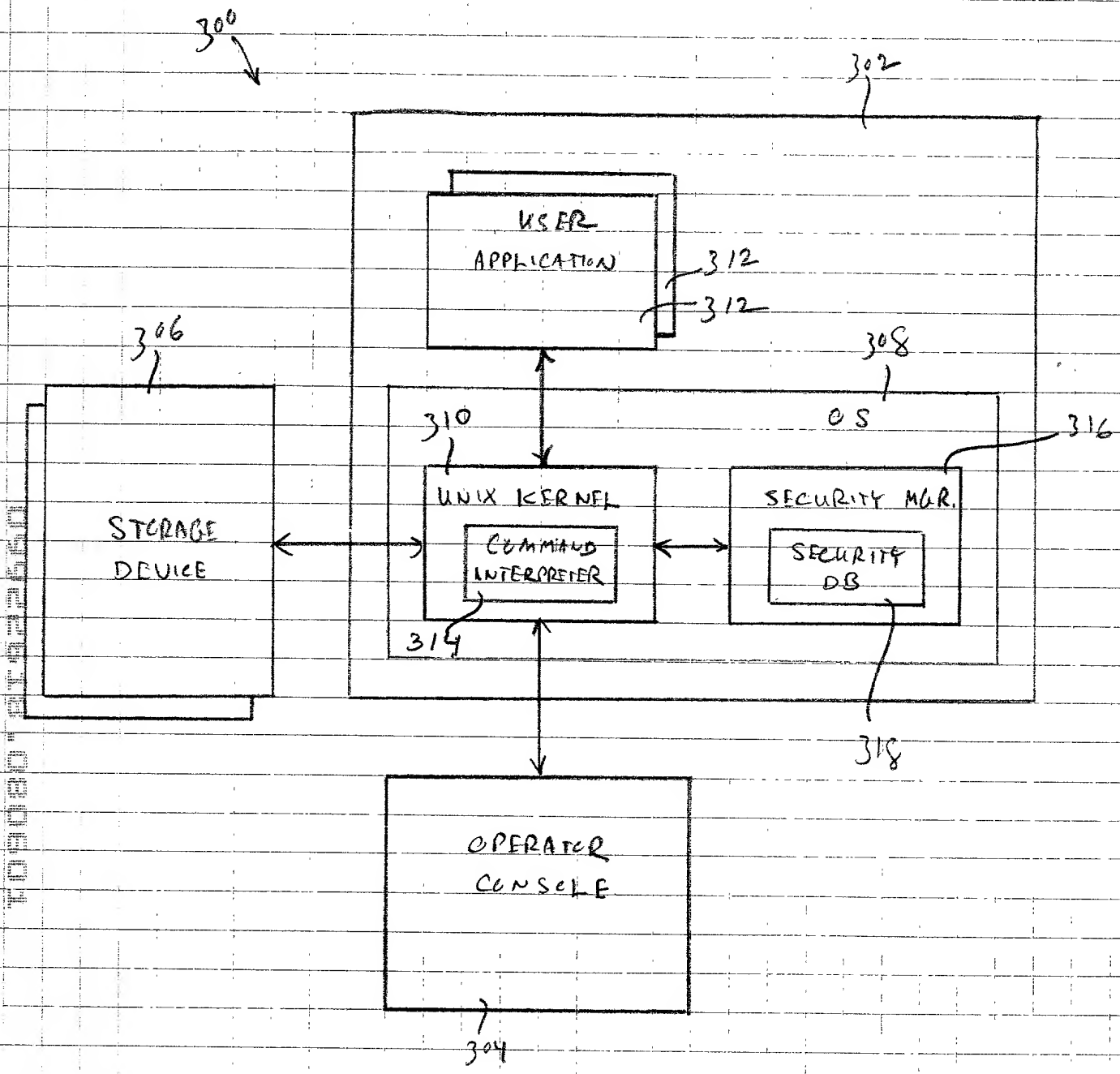
300
302
USER APPLICATION
312
312
306
308
OS
310
316
UNIX KERNEL
COMMAND INTERPRETER
SECURITY MGR.
SECURITY DB
STORAGE DEVICE
314
318
OPERATOR CONSOLE
304

FIG. 3

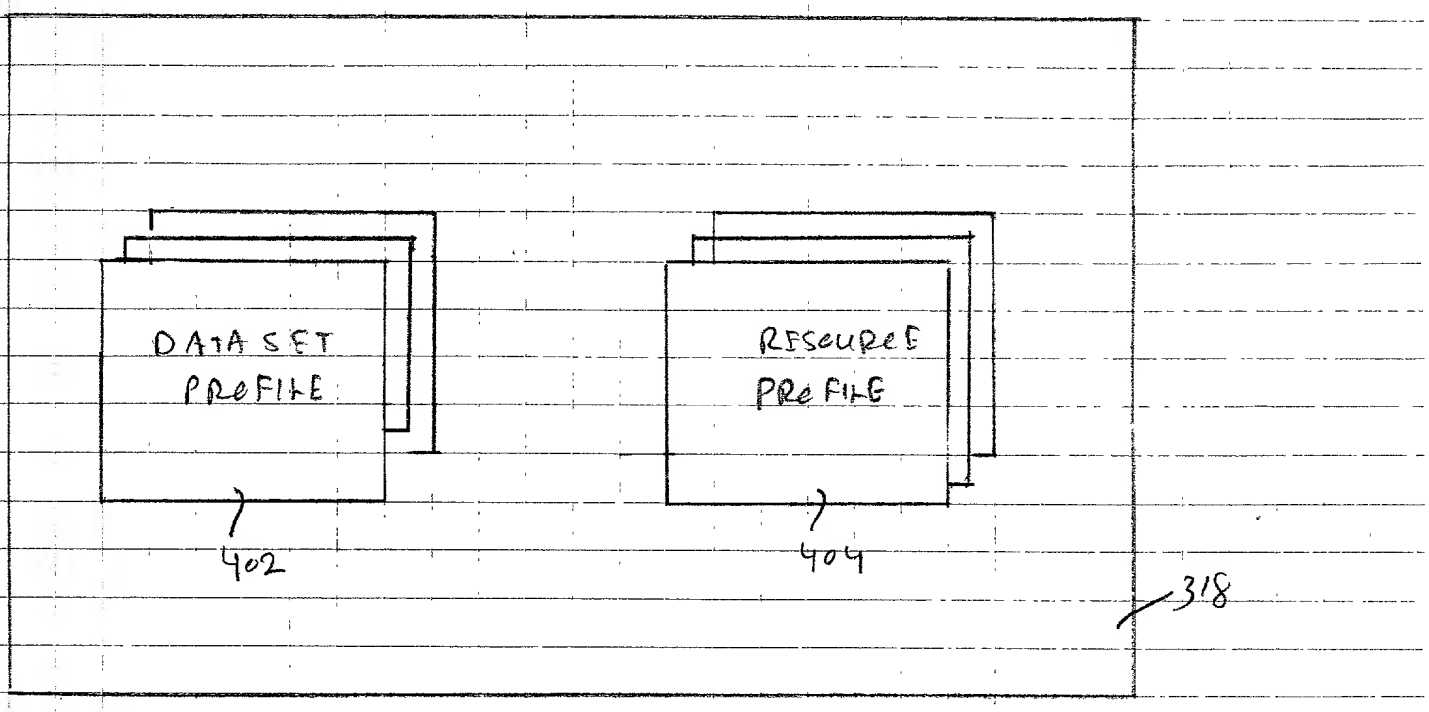

FIG. 4

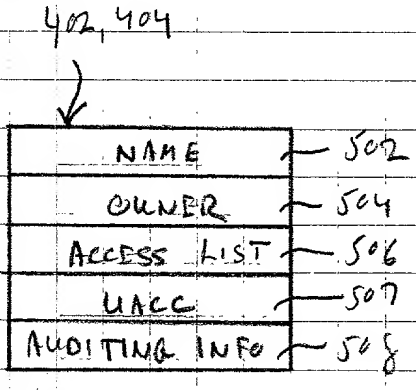

FIG. 5

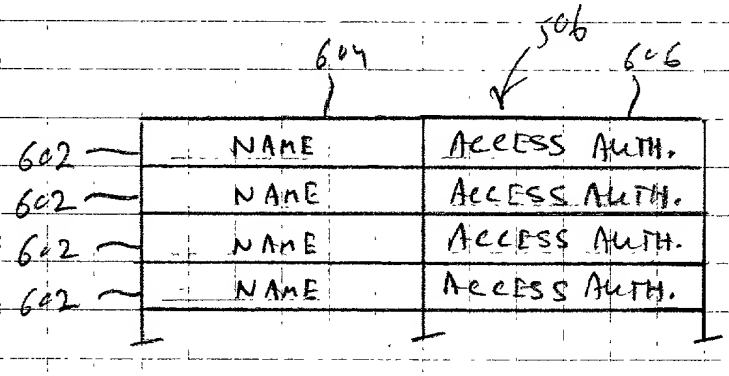

FIG. 6

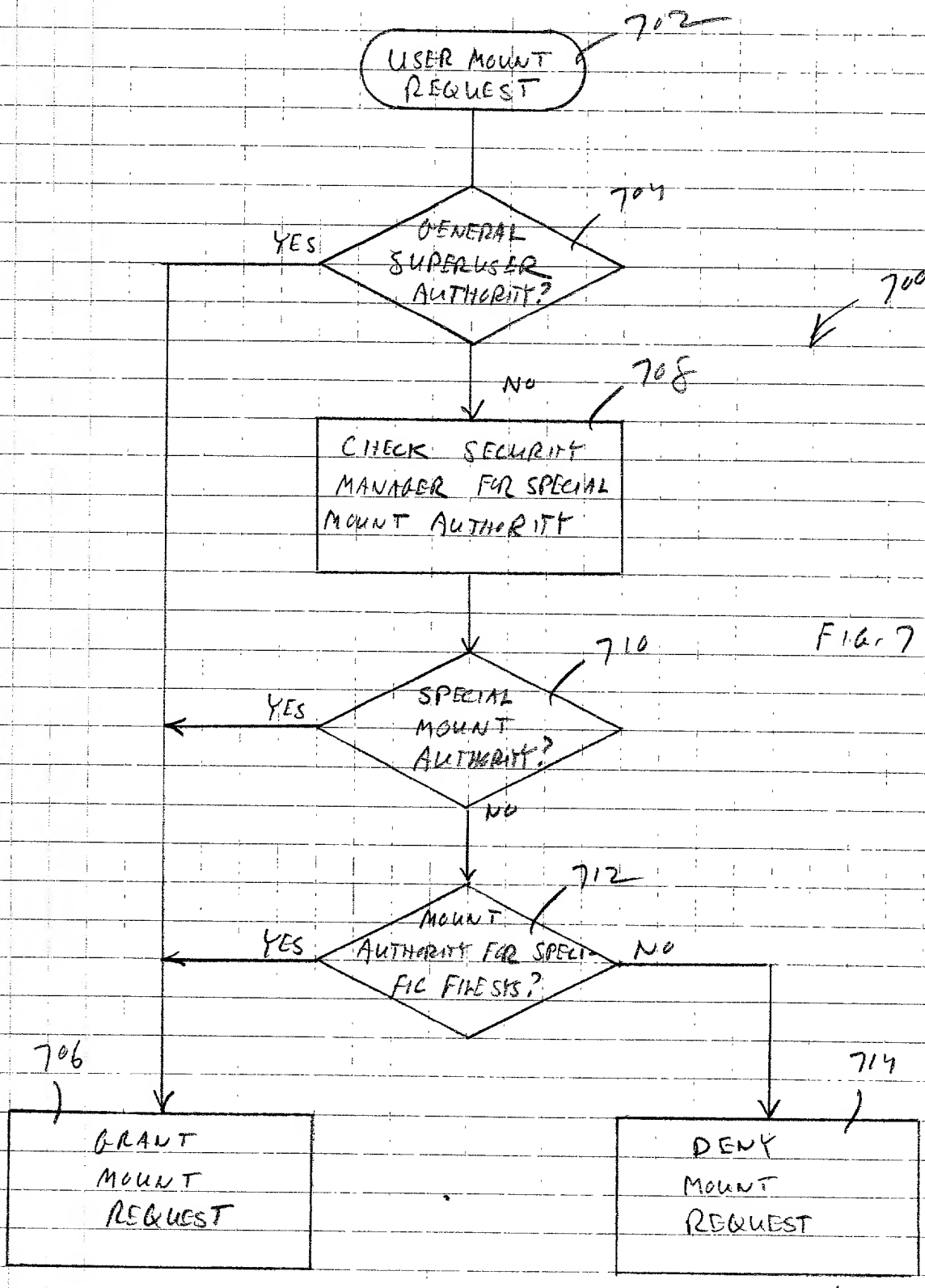
USER MOUNT REQUEST
702
GENERAL SUPERUSER AUTHORITY?
704
YES
NO
700
CHECK SECURITY MANAGER FOR SPECIAL MOUNT AUTHORITY
708
SPECIAL MOUNT AUTHORITY?
710
YES
NO
MOUNT AUTHORITY FOR SPECIFIC FILESYS?
712
YES
NO
GRANT MOUNT REQUEST
706
DENY MOUNT REQUEST
714

Fig. 7